import java.awt.\*;

import java.awt.event.\*;

import java.io.\*;

import java.util.logging.\*;

import javax.swing.\*;

public class MiApplet extends JApplet implements ActionListener{

JButton abrir,guardar;

TextArea texto;

FileDialog fd;

String ruta, arch,estradadetexto,salidadetexto;

JFrame jf;

BufferedReader br;

BufferedWriter bw;

JPanel jp;

@Override

public void init(){

abrir = new JButton("Abrir");

guardar = new JButton("Guardar");

texto = new TextArea();

abrir.addActionListener(this);

guardar.addActionListener(this);

jp = new JPanel();

jp.add("WEST",abrir);

jp.add("EAST",guardar);

Container container = getContentPane();

container.setLayout( new FlowLayout() );

container.add("Center",texto);

container.add("South",jp);

}

public void actionPerformed(ActionEvent e) {

String s = e.getActionCommand();

if (s.equals("Abrir")) {

try {

fd = new FileDialog(jf, "Abrir"); // o FilDialog.LOAD

fd.setVisible(true);

ruta = fd.getDirectory();

arch = fd.getFile();

System.out.println("La ruta es " + ruta + arch);

br = new BufferedReader(new FileReader(ruta + arch));

while( (estradadetexto=br.readLine()) !=null)

{

System.out.println("archivo "+estradadetexto );

texto.setText(estradadetexto+"\n");

}

} catch (IOException ex) {

Logger.getLogger(MiApplet.class.getName()).log(Level.SEVERE, null, ex);

}

}

if (s.equals("Guardar")) {

fd=new FileDialog(jf,"Guardar Como",FileDialog.SAVE);

fd.setVisible(true);

arch=fd.getFile();

ruta=fd.getDirectory();

try{

bw=new BufferedWriter(new FileWriter(ruta+arch));

salidadetexto=texto.getText();

bw.write(salidadetexto);

bw.close();

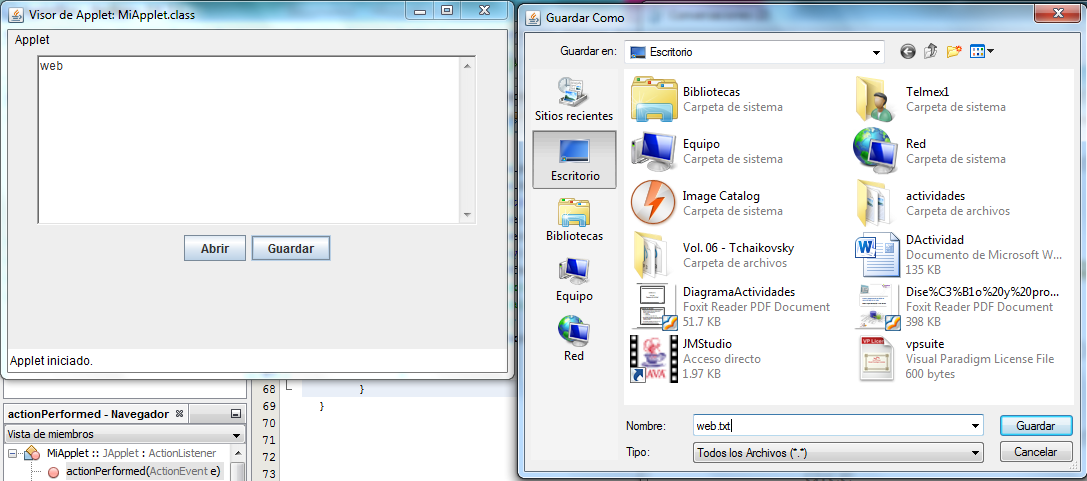
}catch(IOException ioe){

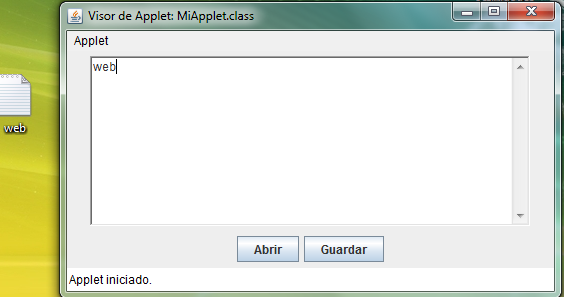
}

}

}

}





import java.applet.\*;

import java.awt.\*;

import java.util.\*;

import java.text.DateFormat;

public class MiApplet extends Applet implements Runnable

{

private Thread hilo = null;

private Font fuente;

private String horaActual = "00:00:00";

Color [] colores ={ Color.red,Color.green,Color.blue,Color.BLACK,Color.PINK};

int i;

public void init()

{

fuente = new Font("Verdana", Font.BOLD, 55);

}

public void start()

{

if (hilo == null)

{

hilo = new Thread(this, "Reloj");

hilo.start();

}

}

public void run()

{

Thread hiloActual = Thread.currentThread();

while (hilo == hiloActual)

{

//obtener la hora actual

Calendar cal = Calendar.getInstance();

Date hora = cal.getTime();

DateFormat df = DateFormat.getTimeInstance();

horaActual = df.format(hora);

if(i==(colores.length-1)){

i=-1;

}

i++;

repaint();

try

{

Thread.sleep(1000);

}

catch (InterruptedException e){}

}

}

public void paint(Graphics g)

{

//Dibujar un rectángulo alrededor del contenedor

g.draw3DRect(1, 1, getSize().width-3, getSize().height-3, false);

//Establecer la Fuente

g.setFont(fuente);

g.setColor(colores[i]);

//mostrar la Hora

g.drawString(horaActual,14,40);

}

public void stop()

{

hilo = null;

}

}

